

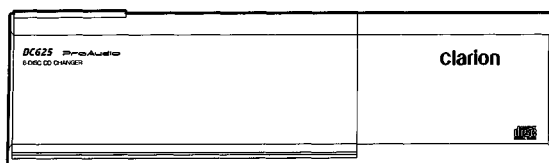
clarion

DC625

6 DISC CD CHANGER

Owner's manual

C-BUS

2 TIMES OVERSAMPLING
DIGITAL FILTER / DUAL 1 BIT DAC

Thank you for purchasing the DC625 system.

The DC625 is designed incorporating the latest digital technologies, while featuring a newly developed CD mechanism to achieve excellent performance and good reliability.

Please read this owner's manual entirely before proceeding with installation.

1. PRECAUTIONS

1. Please read this manual carefully before installing the unit.
2. Make sure all of the mounting hardware is complete before you install the DC625.
3. It is recommended that you remove the negative (-) terminal from the car battery before you install the DC625. This will prevent accidental short circuiting installation.
4. Do not open DC625 cases. There are no user serviceable parts inside. If you drop anything into the unit during installation, consult your nearest CLARION dealer or an authorized CLARION service center.
5. Never clean the surface of your DC625 with chemical solvents, as they could damage the finish. Use a clean dry cloth.
6. If the car is parked for a long time in the sun during summer or in a cold location during winter, the temperature inside the car will reach extreme levels. As the unit may not function properly in such a case, use it only after the ambient temperature has returned to normal.

CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

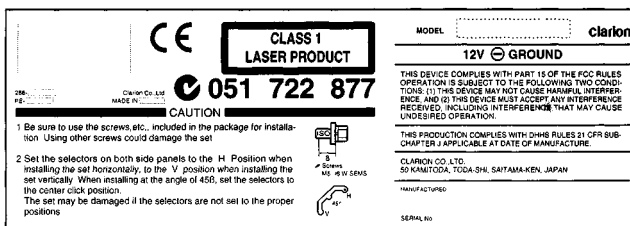
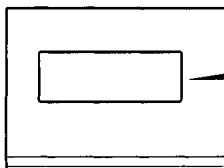
THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

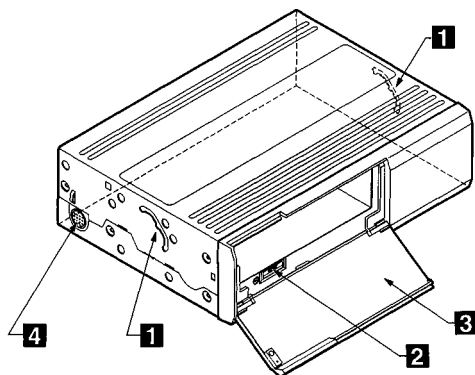
INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.

Bottom View of CD Changer Unit



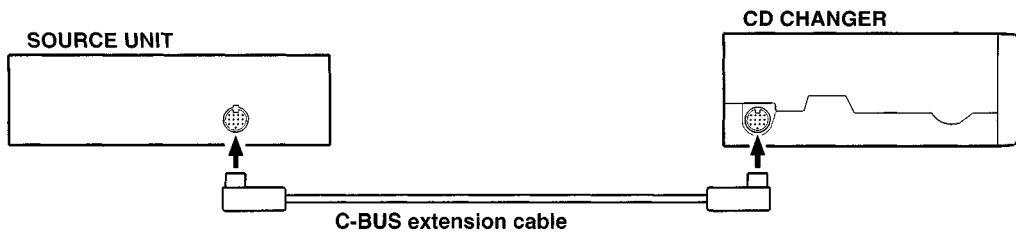
2. IDENTIFICATION OF PARTS



- 1 Installation selector levers
- 2 Eject button
Press the eject button for ejecting the magazine.
- 3 Flip down door
- 4 C-BUS terminal (13 pin)

Flip Down Door (shown open)

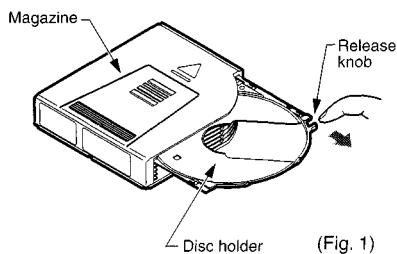
3. WIRE CONNECTION



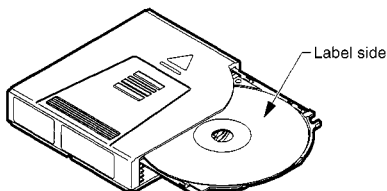
4. CD MAGAZINE

■ INSERTING THE CD

1. Put your finger on the disc holder release knob and draw out the disc holder. (Fig. 1)



2. Insert a CD into the concave portion of the disc holder with its label side (printed side with a title, etc.) facing up. (Fig. 2)

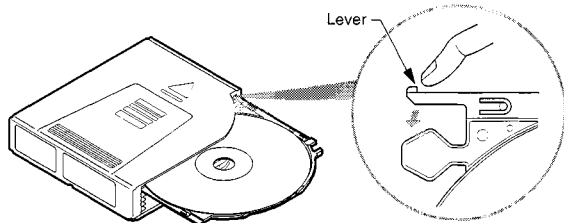


(Fig. 2)

3. Press in on the disc holder until it locks securely into the magazine.

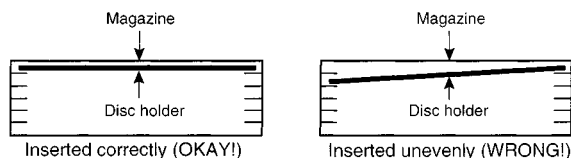
CAUTION

The disc holder may come completely out of the magazine if you pull too hard on the disc holder. If the disc holder should come completely out, reinsert it into the magazine correctly while pressing on the lever.



Note:

Be sure you insert the disc holder evenly and at the same level as the magazine.

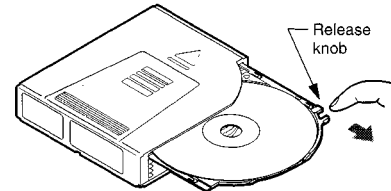


■ EXTRACTING THE CD

Take out the CD after pulling out the disc holder.

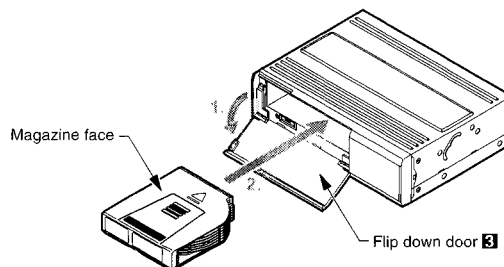
Note :

When taking out the CD do not let your fingers touch the signal side of the CD.



■ INSERTING THE MAGAZINE

1. Open the flip down door ❸ outwards.
2. Set the magazine facing up as shown below and insert into the unit with the CD load/unload side on the right. Press the magazine into the unit until it locks securely.



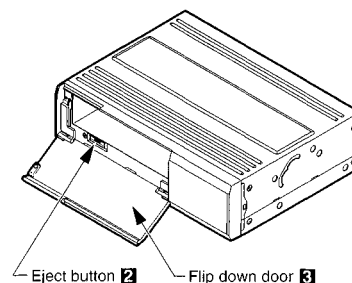
3. Close the flip down door ❸.

CAUTION

Dust and other objects can cause malfunctions if they get into the unit. Always be sure to shut the flip down door once finished with loading or unloading the magazine.

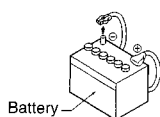
■ EXTRACTING THE MAGAZINE

1. Open the flip down door ❸ outwards.
2. Press the eject button ❷ and take out the magazine.



5. INSTALLATION

1. In order to prevent short circuits during installation, the negative (-) terminal of the battery must be disconnected prior to installation.



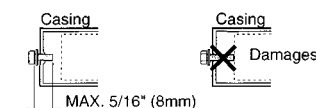
2. Give consideration to safety and easy handling when deciding on the installation place.

Avoid the following places:

- A place which hampers driving.
- A place where the safety of the passengers is compromised during an emergency brake situation.

- A place which is exposed to direct sunlight or the hot air from the heater.
- A place which is exposed to rain or which comes into contact with water.

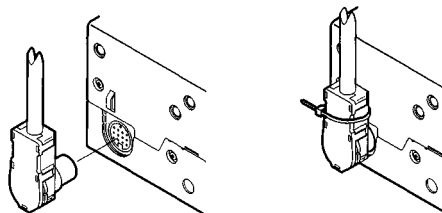
3. Only the provided screws and brackets should be used during installation. Using screws other than those specified will cause damage.



4. Before installation, check that there is no harness hidden behind any panels before drilling any holes.

5-1. Installation of connectors

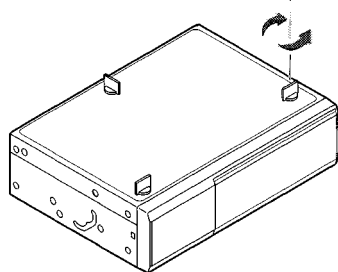
- When handling the cord, take the following precautionary measures:
 - Avoid places that heat up such as the engine, the exhaust pipe and the heater vent.
 - Keep it separate from the car's own coiled and connected cords.
 - Take care not to place it across the burr edge of the metal sheet.
- When connecting the C-BUS cable, fully insert it. After connection, fix the connector with a clumper as shown in the figure.



5-2. Installation of CD Changer Unit

■ Prior to Installation

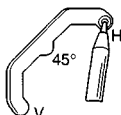
- Before attempting to use this unit you must first remove the packing safety lock-pins (3 positions). Store these lock-pins carefully so they can be used again if needed.
Note :
 Reinstall these lock-pins when shipping the unit back for repair.



- Decide on the installation place and direction.
- Adjust the installation selector levers **1** to the desired installation position.
 * During shipment from the factory, the levers are placed in a horizontal position.

■ Switching the Installation Selection Lever **1**

Insert an item such as a screwdriver with a fine point or the tip of a ballpoint pen into the round hole of the installation selector lever **1** to switch to the position you need.



H: Horizontal	45: Slope	V: Vertical
Align the installation selector levers 1 on both sides of the unit with the "H" position.	Align the installation selector levers 1 on both sides of the unit with the "45°" position.	Align the installation selector levers 1 on both sides of the unit with the "V" position.

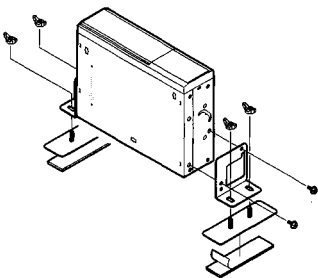
CAUTION

- Set the installation selector levers to the same position on both sides.
- When the unit is installed below the horizontal position (up to 15 degrees) the ejected magazine, when left in that position, will drop due to vibrations from the car.
- Adjust the installation selector levers into the correct locations. Setting the locations incorrectly or in varied positions will cause skipping.
- Do not move the installation selector levers while the unit is in use. This will cause damage to the mechanism and the disc.

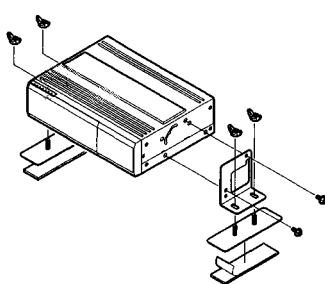
5-3. Installation Procedure

- Use the double seamed hexagonal bolts to fix installation bracket to the unit (on both sides) in the desired direction of installation.
- Use the wing nut to hold in place the installation bracket with bolt to the installation bracket, which is attached to the unit. Then affix the cushion rubber.

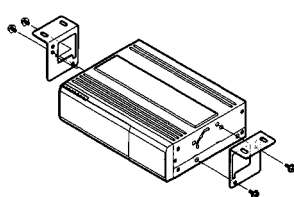
● Vertical Position



● Horizontal Position

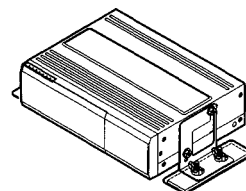


● Suspending Position



- Remove the floor carpet and decide on the place to install.
 Adjust the installation bracket with bolts to suit the place of installation.

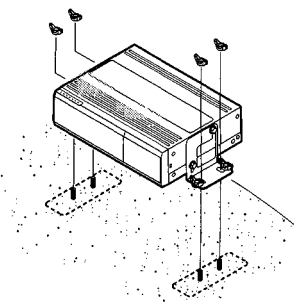
- Remove the separator of the cushion rubber that is attached to the installation bracket with bolt and install accordingly.



- Unfasten the wing nut and remove the unit.
- Return the floor carpet to its original place. Use a knife to cut into the carpet where the bolt can be felt, and allow the bolt to protrude from the carpet.



- Align the unit with the bolts and secure it with the wing nuts.



6. CAUTIONS

- For safety reasons, install the magazine only when the car is stationary. To prevent accidents, it is best that the volume inside the car does not exceed that of the outside.
- Use a soft dry cloth to clean the unit. Do not use abrasive pads, benzene, thinners or alcohol. For stubborn dirt, use a soft cloth, lightly moistened with (warm) water and wipe gently.
- At the recess end of the flip down door lies the built-in pick up which is the core part of the player. If dust or dirt comes into contact with this core part it will cause damage to the unit. Therefore, do not leave the flip down door open for long periods of time.
- If the unit is played immediately after switching on the heater when the inside of the car is extremely cold, the discs and the pick up will fog up. If this happens, the unit may not work normally. (Condensation)
Use a soft cloth to wipe the disc when it fogs up. The fog will naturally disappear in about one hour and thereafter the disc will work normally again.
- While the system is in play, do not plug or unplug the cables as this will cause damage.
- Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.

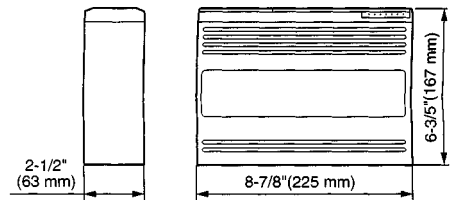
7. TROUBLESHOOTING

Symptom	Cause	Remedy
Loss of power	Bad connection	Check connections.
Magazine cannot be loaded	Magazine inserted wrongly	Insert correctly.
	A magazine is already in the player.	Eject the magazine and insert the other.
	Distorted magazine	Buy New Magazine CAA-397.
"No Disc" sign appears when searching for discs.	Disc inserted upside-down	Read the section on "INSERTING THE CD" carefully and reinsert the CD correctly.
	Moisture or dirt on disc	Wipe disc free of moisture and dirt.
Noise, skipping	The installation selector levers are set to different positions on both sides.	Set the installation selector levers to the same position on both sides.
	The unit installation direction and the installation selector lever positions do not match.	Set the unit installation direction and the installation selector lever positions to match each other. When installed at an angle, change the installation selector lever to a position (H,45°,V) not prone to noise or sound loss.
	Disc bent or badly damaged	Compare with another disc. If bad, discard the damaged disc.
	Disc is very dirty	Clean the disc.
Mechanism does not function.	Mechanical error	①Referring to section "INSTALLATION", check the three angle of installation selector levers are properly set. If not, set them at the proper position for the angle of installation. ②Check whether the CD magazine can be ejected by pressing eject button, then insert a new CD magazine.
Magazine is ejected even when inserted into the unit.	Disc holder is not correctly inserted into the magazine.	Read the section on "INSERTING THE CD" carefully and reinsert the disc holder correctly.

8. SPECIFICATIONS

Sampling Frequency: 44.1 kHz
Frequency Response: 5Hz ~ 20kHz (± 1dB)
Signal to Noise Ratio: 105dB (1kHz) IHF.A
Wow and Flutter: Below measurement limits
Power Supply: DC14.4V (10.8 ~ 15.6V)
negative ground
Current Consumption: Less than 1A
Weight: 3.6 lb. (1.65 kg)

*Due to improvements, the design and these specifications may be modified without prior notice.



9. HANDLING COMPACT DISCS

- When the inside of the car is very cold and the player is used soon after switching on the heater, dew may form on the disc or the optical parts of the player and proper playback may not be possible. If dew forms on the disc, wipe it with a soft cloth. If dew forms on the optical parts of the player, do not use the player for about one hour and the condensation will disappear naturally to allow normal operation.
- Driving on bumpy roads which cause severe vibration may cause the sound to skip.

This unit has been designed specifically for reproduction of compact discs bearing the  mark. No other discs can be played.

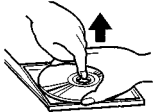
To remove the compact disc from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges.

To remove fingermarks and dust, use a soft cloth, and wipe in a straight motion from the centre of the compact disc to the outside.

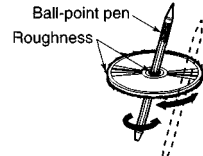
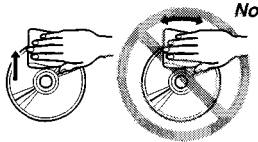
New discs may have some roughness around the edge. The set may not work or the sound may skip if such discs are used. Use a ball-point pen, etc., to remove roughness from the edge of the disc.

Removing the disc

Proper way to hold the compact disc



Always handle the compact disc by the edges.
Never touch the surface.



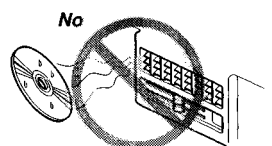
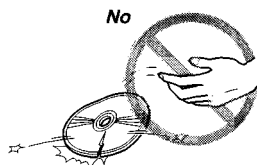
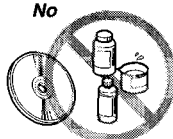
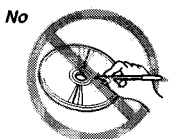
Note on Compact Discs

Never stick labels on the surface of the compact disc or mark the surface with a pencil or pen.

Do not use any solvents such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.

Do not use compact discs that have large scratches, are misshaped, cracked, etc. Use of such discs will cause misoperation or damage.

Do not expose compact discs to direct sunlight or any heat source.



Note:

Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc. These may get caught in the internal mechanism and damage the disc.

11 Which of the following products/services do you own or intend to buy within the next 18 months?

	Own	Intend to buy		Own	Intend to buy
Home Desktop PC	1 <input type="checkbox"/>	9 <input type="checkbox"/>	Satellite System/Service	17 <input type="checkbox"/>	24 <input type="checkbox"/>
Laptop Computer	2 <input type="checkbox"/>	10 <input type="checkbox"/>	Cellular Telephone	18 <input type="checkbox"/>	25 <input type="checkbox"/>
Color Monitor	3 <input type="checkbox"/>	11 <input type="checkbox"/>	Pager	19 <input type="checkbox"/>	26 <input type="checkbox"/>
CD-ROM	4 <input type="checkbox"/>	12 <input type="checkbox"/>	Call Waiting	20 <input type="checkbox"/>	27 <input type="checkbox"/>
Computer Speakers	5 <input type="checkbox"/>	13 <input type="checkbox"/>	Karaoke	21 <input type="checkbox"/>	28 <input type="checkbox"/>
Color Printer	6 <input type="checkbox"/>	14 <input type="checkbox"/>	Vehicle Navigation System	22 <input type="checkbox"/>	29 <input type="checkbox"/>
Modem	7 <input type="checkbox"/>	15 <input type="checkbox"/>	Vehicle Security System	23 <input type="checkbox"/>	30 <input type="checkbox"/>
Large Screen TV (35" or larger)	8 <input type="checkbox"/>	16 <input type="checkbox"/>			

12 Is this your first Clarion purchase? 1 ☐ 1st purchase 2 ☐ 2nd purchase 3 ☐ 3rd or more

13 What type of computer do you own?

1 ☐ IBM PC or Clone 2 ☐ Macintosh or Clone 3 ☐ Do Not Own

14 Which on-line service/network do you subscribe to?

1 ☐ America Online 2 ☐ CompuServe 3 ☐ GEnie 4 ☐ MSN 5 ☐ Internet 6 ☐ Prodigy 7 ☐ Other 8 ☐ Do not have service/access

ADX SERIES, PRO VIDEO & PRO AUDIO WARRANTY INFORMATION

Clarion offers two-year warranty coverage on ADX Series, Pro Video, and Pro Audio products (excluding speakers) **ONLY** if the product is installed at the same location where purchased. If not installed by the authorized dealer, one-year warranty coverage is provided.

To obtain two-year warranty coverage on your Clarion ADX Series, Pro Video, or Pro Audio product, excluding speakers, complete this section in full and return it along with a copy of your receipt and the attached product registration information in an envelope addressed to:

Clarion Sales Corporation
P.O. Box 863
Brea, CA 92822-0863

Retailer/Dealer Name																			
Retailer/Dealer Address																			
City										State/Prov.					Zip/Post Code				
Retailer/Dealer Phone w/Area Code										Date Installed:		Month		Day		Year			

TWO-YEAR WARRANTY NOT VALID UNLESS THE SECTION ABOVE IS COMPLETED IN FULL AND RETURNED WITH A COPY OF YOUR RECEIPT.

Clarion
CAR AUDIO & BEYOND

CLARION SALES CORPORATION
PO BOX 863
BREA CA 92822-0863

Clarion
CAR AUDIO & BEYOND

Product Registration
for USA and Canada only

IMPORTANT:

1. Detach this section of the card and keep it with your records.
2. Retain your sales receipt to validate warranty service.
3. If you purchased a Clarion ADX Series, Pro Video or Pro Audio product, be sure to complete the box on the last page of this form.

Information on Clarion authorized Warranty Centers may be obtained by writing Clarion Corporation at the address below or by calling
1-800-GO-CLARION.

In USA:
Clarion Sales Corporation
Warranty Service Center
661 West Redondo Beach Blvd.
Gardena, CA 90247
(310) 327-9100

In Canada
Clarion Canada, Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905)829-4600

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